

ORDINANCE NO. 46-248

AN ORDINANCE CREATING NEW SECTION 18.06.245 OF THE CODE OF THE CITY OF WICHITA, KANSAS, AND PERTAINING TO THE RESIDENTIAL BUILDING CODES OF THE CITY OF WICHITA, KANSAS.

BE IT ORDAINED BY THE GOVENING BODY OF THE CITY OF WICHITA, KANSAS:

**SECTION 1.** Section 18.06.245 of the Code of the City of Wichita is hereby created to read as follows:

**R318.1.2 Thermal Barrier.** Foam plastic, except where otherwise noted, shall be separated from the interior of a building by minimum ½-inch (12.7 mm) gypsum board or an approved finish material equivalent to a thermal barrier to limit the average temperature rise of the unexposed surface to no more than 250°F (121°C) after 15 minutes of fire exposure to the ASTM E 119 standard time temperature curve. The gypsum board shall be installed using a mechanical fastening system in accordance with Section R702.3.5. Reliance on adhesives to ensure that the gypsum board will remain in place when exposed to fire shall be prohibited.

**EXCEPTION:** Thermal barrier coverage shall not be required for insulating concrete form (ICF) or similar systems provided the ICF or similar system has a minimum Self Ignition Temperature of 450°C when tested in accordance with ASTM D 1929, a Flame Spread Index of less than 25 and a smoke development index less than 450 when tested in accordance with ASTM E84. Such ICF or similar system shall also have a crawl space test performance better than R-11 Kraft paper-faced fiberglass insulation when completed in accordance with SWRI Test Procedure 99-02. A minimum 2-hour Fire Resistance Rating, without gypsum, is required when tested in accordance with ASTM E119.

**SECTION 2.** This ordinance shall be included in the Code of the City of Wichita, Kansas, and shall be effective upon publication once in the official paper.

ADOPTED at Wichita, Kansas, this 21st day of September, 2004.

\_\_\_\_\_  
Carlos Mayans, Mayor

ATTEST:

\_\_\_\_\_  
Karen Sublett, City Clerk

Approved as to Form:

\_\_\_\_\_  
Gary E. Rebenstorf, Director of Law